```
UUU        UUU  EEEEEEEEEEEEEE   TTTTTTTTTTTTTT   PPPPPPPPPPP        SSSSSSSSSSSS  YYY           YYY
UUU        UUU  EEEEEEEEEEEEEE   TTTTTTTTTTTTTT   PPPPPPPPPPP        SSSSSSSSSSSS  YYY           YYY
UUU        UUU  EEEEEEEEEEEEEE   TTTTTTTTTTTTTT   PPPPPPPPPPP        SSSSSSSSSSSS  YYY           YYY
UUU        UUU  EEE                  TTT          PPP       PPP  SSS               YYY           YYY
UUU        UUU  EEE                  TTT          PPP       PPP  SSS               YYY           YYY
UUU        UUU  EEE                  TTT          PPP       PPP  SSS               YYY           YYY
UUU        UUU  EEE                  TTT          PPP       PPP  SSS                   YYY    YYY
UUU        UUU  EEE                  TTT          PPP       PPP  SSS                   YYY    YYY
UUU        UUU  EEEEEEEEEEE          TTT          PPPPPPPPPPP        SSSSSSSSS             YYY
UUU        UUU  EEEEEEEEEEE          TTT          PPPPPPPPPPP        SSSSSSSSS             YYY
UUU        UUU  EEEEEEEEEEE          TTT          PPPPPPPPPPP        SSSSSSSSS             YYY
UUU        UUU  EEE                  TTT          PPP                       SSS           YYY
UUU        UUU  EEE                  TTT          PPP                       SSS           YYY
UUU        UUU  EEE                  TTT          PPP                       SSS           YYY
UUU        UUU  EEE                  TTT          PPP                       SSS           YYY
UUUUUUUUUUUUUU  EEEEEEEEEEEEEE       TTT          PPP          SSSSSSSSSSSS           YYY
UUUUUUUUUUUUUU  EEEEEEEEEEEEEE       TTT          PPP          SSSSSSSSSSSS           YYY
UUUUUUUUUUUUUU  EEEEEEEEEEEEEE       TTT          PPP          SSSSSSSSSSSS           YYY
```

```
UU      UU  EEEEEEEEEE  TTTTTTTTTT  LL              000000      CCCCCCCC  KK      KK    000000        000000
UU      UU  EEEEEEEEEE  TTTTTTTTTT  LL              000000      CCCCCCCC  KK      KK    000000        000000
UU      UU  EE              TT      LL            00      00    CC        KK      KK  00      00    00      00
UU      UU  EE              TT      LL            00      00    CC        KK    KK    00      00    00      00
UU      UU  EE              TT      LL            00      00    CC        KK  KK      00    0000    00    0000
UU      UU  EEEEEEE         TT      LL            00      00    CC        KKKKK       00  00  00    00  00  00
UU      UU  EEEEEEE         TT      LL            00      00    CC        KKKKK       00  00  00    00  00  00
UU      UU  EE              TT      LL            00      00    CC        KK  KK      0000    00    0000    00
UU      UU  EE              TT      LL            00      00    CC        KK  KK      0000    00    0000    00
UU      UU  EE              TT      LL            00      00    CC        KK    KK    00      00    00      00
UUUUUUUUUU  EEEEEEEEEE      TT      LLLLLLLLLL    000000        CCCCCCCC  KK      KK    000000        000000
UUUUUUUUUU  EEEEEEEEEE      TT      LLLLLLLLLL    000000        CCCCCCCC  KK      KK    000000        000000


MM      MM    AAAAAA    PPPPPPPP
MM      MM    AAAAAA    PPPPPPPP
MMMM  MMMM  AA      AA  PP      PP
MMMM  MMMM  AA      AA  PP      PP
MM  MM  MM  AA      AA  PP      PP
MM  MM  MM  AA      AA  PP      PP
MM      MM  AA      AA  PPPPPPPP
MM      MM  AA      AA  PPPPPPPP
MM      MM  AAAAAAAAAA  PP
MM      MM  AAAAAAAAAA  PP
MM      MM  AA      AA  PP
MM      MM  AA      AA  PP
MM      MM  AA      AA  PP
```

```
                               +------------------------------+
                               ! Object Module Synopsis !
                               +------------------------------+
```

Module Name	Ident	Bytes	File	Creation Date	Creator
UETLOCK00	V04-000	8258	_255DUA28:[UETPSY.OBJ]UETPSY.OLB;1	16-SEP-1984 00:26	VAX/VMS Macro V04-00
SYS	V04-000	0	_255DUA28:[SYSOBJ]SYS.STB;1	16-SEP-1984 04:00	VAX-11 Linker V04-00
SYS$IODEF	V04-000	0	_255DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:18	VAX/VMS Macro V04-00
RMS$GLOBALS	V04-000	0	_255DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 01:35	VAX/VMS Macro V04-00
SYS$SSDEF	V04-000	0	_255DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 01:18	VAX/VMS Macro V04-00
SYS$P1_VECTOR	V04-000	0	_255DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:40	VAX/VMS Macro V04-00
LIBRTL	V04-000	0	_255DUA28:[SYSLIB]LIBRTL.EXE;1	16-SEP-1984 04:00	VAX-11 Linker V04-00

```
                                              +------------------------+
                                              ! Image Section Synopsis !
                                              +------------------------+

    Cluster        Type Pages   Base Addr  Disk VBN PFC  Protection and Paging        Global Sec. Name   Match      Majorid   Minorid
    -------        ---- -----   ---------  -------- ---  ----------------------        ----------------   -----      -------   -------

DEFAULT_CLUSTER      0     6    00000200       2    0  READ ONLY
                     0     4    00000E00       8    0  READ WRITE    COPY ON REF
                     0     8    00001600      12    0  READ ONLY
                     0     1    00002600      20    0  READ WRITE    COPY ON REF
                     0     1    00002800      21    0  READ WRITE    FIXUP VECTORS
                   253    20    7FFFD800       0    0  READ WRITE DEMAND ZERO

LIBRTL               3   111    00000000-R     0    0  READ ONLY                      LIBRTL_001         LESS/EQUAL      1        11
                     4     1    0000DE00-R     0    0  READ WRITE DEMAND ZERO         LIBRTL_002         LESS/EQUAL      1        11


        Key for special characters above:
                +--------------------+
                ! R  - Relocatable   !
                ! P  - Protected     !
                +--------------------+
```

```
+-------------------------------+
! Program Section Synopsis !
+-------------------------------+
```

Psect Name	Module Name	Base	End	Length	Align	Attributes
RODATA		00000200	00000C84	00000A85 (	2693.) PAGE 9	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD,NOWRT,NOVEC
	UETLOCK00	00000200	00000C84	00000A85 (	2693.) PAGE 9	
RWDATA		00000E00	000014D3	000006D4 (	1748.) PAGE 9	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	UETLOCK00	00000E00	000014D3	000006D4 (	1748.) PAGE 9	
TESTLOCK		00001600	000024DE	00000EDF (	3807.) PAGE 9	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	UETLOCK00	00001600	000024DE	00000EDF (	3807.) PAGE 9	
$RMSNAM		00002600	00002609	0000000A (	10.) BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
	UETLOCK00	00002600	00002609	0000000A (	10.) BYTE 0	

```
+----------------------------+
! Symbol Cross Reference !
+----------------------------+
```

Symbol	Value	Defined By	Referenced By ...
IO$M_CTRLCAST	00000100	SYS$IODEF	UETLOCK00
IO$_READVBLK	00000031	SYS$IODEF	UETLOCK00
IO$_SETMODE	00000023	SYS$IODEF	UETLOCK00
IO$_WRITEVBLK	00000030	SYS$IODEF	UETLOCK00
LCK$GL_WAITTIME	80003D3C	SYS	UETLOCK00
LIB$SIGNAL	0000284C-RX	LIBRTL	UETLOCK00
OTS$CVT_L_TO	00002848-RX	LIBRTL	UETLOCK00
RMS$_EOF	0001827A	RMS$GLOBALS	UETLOCK00
SS$_CONTROLC	00000651	SYS$SSDEF	UETLOCK00
SS$_DEADLOCK	00000E0A	SYS$SSDEF	UETLOCK00
SS$_NORMAL	00000001	SYS	UETLOCK00
SS$_NOTQUEUED	000009B8	SYS$SSDEF	UETLOCK00
SS$_SSFAIL	0000045C	SYS$SSDEF	UETLOCK00
SS$_SYNCH	00000689	SYS$SSDEF	UETLOCK00
SS$_TIMEOUT	0000022C	SYS$SSDEF	UETLOCK00
SS$_WASSET	00000009	SYS$SSDEF	UETLOCK00
SYS$ASCEFC	7FFEDE40	SYS$P1_VECTOR	UETLOCK00
SYS$ASSIGN	7FFEDE50	SYS	UETLOCK00
SYS$CANTIM	7FFEDE68	SYS	UETLOCK00
SYS$CLOSE	7FFEE1B8	SYS	UETLOCK00
SYS$CLREF	7FFEDE98	SYS$P1_VECTOR	UETLOCK00
SYS$CONNECT	7FFEE1C0	SYS	UETLOCK00
SYS$CRELNM	7FFEE480	SYS	UETLOCK00
SYS$CREMBX	7FFEDEB8	SYS	UETLOCK00
SYS$CREPRC	7FFEDEC0	SYS	UETLOCK00
SYS$DCLEXH	7FFEDEF0	SYS	UETLOCK00
SYS$DEQ	7FFEE3C8	SYS	UETLOCK00
SYS$ENQ	7FFEE3C0	SYS	UETLOCK00
SYS$ENQW	7FFEE3D0	SYS	UETLOCK00
SYS$ERASE	7FFEE1E0	SYS$P1_VECTOR	UETLOCK00
SYS$EXIT	7FFEDF40	SYS	UETLOCK00
SYS$FAO	7FFEDF50	SYS	UETLOCK00
SYS$FIND	7FFEE170	SYS$P1_VECTOR	UETLOCK00
SYS$FORCEX	7FFEDF60	SYS	UETLOCK00
SYS$GET	7FFEE180	SYS	UETLOCK00
SYS$GETCHN	7FFEE0C8	SYS	UETLOCK00
SYS$GETDVI	7FFEE410	SYS$P1_VECTOR	UETLOCK00
SYS$GETJPI	7FFEE0D8	SYS	UETLOCK00
SYS$GETMSG	7FFEE0B0	SYS	UETLOCK00
SYS$GETSYI	7FFEE3F8	SYS$P1_VECTOR	UETLOCK00
SYS$HIBER	7FFEDF88	SYS	UETLOCK00
SYS$K_VERSION	48515258	SYS	
SYS$OPEN	7FFEE208	SYS	UETLOCK00
SYS$PUTMSG	7FFEE0E0	SYS	UETLOCK00
SYS$QIO	7FFEDFC8	SYS	UETLOCK00
SYS$QIOW	7FFEDE00	SYS	UETLOCK00
SYS$READEF	7FFEDFD0	SYS$P1_VECTOR	UETLOCK00
SYS$SCHDWK	7FFEDFF0	SYS$P1_VECTOR	UETLOCK00
SYS$SETAST	7FFEDFF8	SYS	UETLOCK00

Symbol	Value	Defined By	Referenced By ...
SYS$SETEF	7FFEE000	SYS	UETLOCK00
SYS$SETIMR	7FFEE020	SYS	UETLOCK00
SYS$SETPRN	7FFEE010	SYS$P1_VECTOR	UETLOCK00
SYS$SETSFM	7FFEE040	SYS	UETLOCK00
SYS$TRNLOG	7FFEE058	SYS	UETLOCK00
SYS$WAITFR	7FFEE078	SYS	UETLOCK00
SYS$WAKE	7FFEE080	SYS$P1_VECTOR	UETLOCK00
SYS$WFLAND	7FFEE088	SYS$P1_VECTOR	UETLOCK00
UETLOCK00	00001600-R	UETLOCK00	

```
                          +--------------------+
                          ! Symbols By Value !
                          +--------------------+


Value                                 Symbols...
-----                                 ----------
00000001            SS$_NORMAL
00000009            SS$_WASSET
00000023            IO$_SETMODE
00000030            IO$_WRITEVBLK
00000031            IO$_READVBLK
00000100            IO$M_CTRLCAST
0000022C            SS$_TIMEOUT
0000045C            SS$_SSFAIL
00000651            SS$_CONTROLC
00000689            SS$_SYNCH
000009B8            SS$_NOTQUEUED
00000E0A            SS$_DEADLOCK
00001600          R-UETLOCK00
0000284B          RX-OTS$CVT_L_TO
0000284C          RX-LIB$SIGNAL
0001827A            RMS$_EOF
48513258            SYS$R_VERSION
7FFEDE00            SYS$QIOW
7FFEDE40            SYS$ASCEFC
7FFEDE50            SYS$ASSIGN
7FFEDE68            SYS$CANTIM
7FFEDE98            SYS$CLREF
7FFEDEB8            SYS$CREMBX
7FFEDEC0            SYS$CREPRC
7FFEDEF0            SYS$DCLEXH
7FFEDF40            SYS$EXIT
7FFEDF50            SYS$FAO
7FFEDF60            SYS$FORCEX
7FFEDF88            SYS$HIBER
7FFEDFC8            SYS$QIO
7FFEDFD0            SYS$READEF
7FFEDFF0            SYS$SCHDWK
7FFEDFF8            SYS$SETAST
7FFEE000            SYS$SETEF
7FFEE010            SYS$SETPRN
7FFEE020            SYS$SETIMR
7FFEE040            SYS$SETSFM
7FFEE058            SYS$TRNLOG
7FFEE078            SYS$WAITFR
7FFEE080            SYS$WAKE
7FFEE088            SYS$WFLAND
7FFEE0B0            SYS$GETMSG
7FFEE0C8            SYS$GETCHN
7FFEE0D8            SYS$GETJPI
7FFEE0E0            SYS$PUTMSG
7FFEE170            SYS$FIND
7FFEE180            SYS$GET
7FFEE1B8            SYS$CLOSE
7FFEE1C0            SYS$CONNECT
```

Value	Symbols...
7FFEE1E0	SYS$ERASE
7FFEE208	SYS$OPEN
7FFEE3C0	SYS$ENQ
7FFEE3C8	SYS$DEQ
7FFEE3D0	SYS$ENQW
7FFEE3F8	SYS$GETSYI
7FFEE410	SYS$GETDVI
7FFEE480	SYS$CRELNM
80003D3C	LCK$GL_WAITTIME

```
        Key for special characters above:
             +-------------------+
             |  *  - Undefined   |
             |  U  - Universal   |
             |  R  - Relocatable |
             |  X  - External    |
             +-------------------+
```

```
                                    +------------------+
                                    ! Image Synopsis !
                                    +------------------+

Virtual memory allocated:               00000200 000029FF 00002800 (10240. bytes, 20. pages)
Stack size:                                   20. pages
Image header virtual block limits:             1.         1. (    1. block)
Image binary virtual block limits:             2.        21. (   20. blocks)
Image name and identification:          UETLOCK00 V04-000
Number of files:                               6.
Number of modules:                             7.
Number of program sections:                    9.
Number of global symbols:                    300.
Number of cross references:                  114.
Number of image sections:                      8.
User transfer address:                  00001600
Number of code references to shareable images:  2.
Image type:                             EXECUTABLE.
Map format:                             FULL WITH CROSS REFERENCE in file _$255$DUA28:[UETPSY.LIS]UETLOCK00.MAP;1
Estimated map length:                    67. blocks
                                    +-------------------------+
                                    ! Link Run Statistics !
                                    +-------------------------+

Performance Indicators                  Page Faults   CPU Time        Elapsed Time
----------------------                  -----------   --------        ------------
      Command processing:                       82   00:00:00.18     00:00:00.46
      Pass 1:                                  158   00:00:01.83     00:00:14.70
      Allocation/Relocation:                    31   00:00:00.10     00:00:01.02
      Pass 2:                                   53   00:00:00.70     00:00:03.79
      Map data after object module synopsis:    25   00:00:00.33     00:00:00.40
      Symbol table output:                       1   00:00:00.02     00:00:00.37
Total run values:                              350   00:00:03.16     00:00:20.74
```

Using a working set limited to 1050 pages and 66 pages of data storage (excluding image)

Total number object records read (both passes):   522
    of which 194 were in libraries and 2 were DEBUG data records containing 123 bytes

Number of modules extracted explicitly   = 1
    with 4 extracted to resolve undefined symbols

25 library searches were for symbols not in the library searched

A total of 0 global symbol table records was written

LINK/USERLIB=PROC/EXE=EXE$:UETLOCK00/NOTRACE/MAP=MAP$:UETLOCK00/FULL/CROSS LIB$:UETPSY.OLB/INCLUDE=(UETLOCK00),EXSM:SYS.STB/SELECTIV
E

SATSUT10
MAP

SATSUT12
MAP

UETINIT00
MAP

SATSUT14
MAP

UETMA7800
MAP

SATSUT01
MAP

SATSUT05
MAP

UETDR7800
MAP

UETSSMM00
MAP

SATSUT07
MAP

SATSUT09
MAP

UETLOCK00
MAP

SATSUT11
MAP

SATSSF01
LIS

SATSUT13
MAP

UETCLIG00
MAP

SATSUT04
MAP

UETINIT01
MAP

SATSUT06
MAP

UETMEM/01
MAP

SATSUT08
MAP

CLSIODB
LIS